

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|---------------------|
| L2 | 2926 | hair with curler | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2010/04/21 12:48 |
| L3 | 285 | l2 and lock | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2010/04/21 12:48 |
| L4 | 35 | ("3432188" "3490794" "3516446" "3700265" "3813116" "3825286" "3840053" "3958313" "3960395" "4059293" "4107454" "4303103" "4305679" "4346922" "4449715" "4469467" "4475845" "4478437" "4621941" "4737220" "4746127" "4890863" "4903970" "5020832" "5029907" "5054794" "5150927" "5209601" "5360241" "5431459" "5496128" "5738359").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/04/21 13:01 |
| L5 | 6 | ("6152455").URPN. | USPAT | OR | OFF | 2010/04/21 13:02 |
| L6 | 47 | ("3432188" "3490794" "3516446" "3700265" "3813116" "3825286" "3840053" "3899183" "3933377" "3958313" "3960395" "4059293" "4107454" "4215868" "4303103" "4305679" "4346922" "4449715" "4469467" "4475845" "4478437" "4543691" "4621941" "4667375" "4705305" "4737220" "4746127" "4890863" "4903970" "4911380" "4954004" "5020832" "5029907" "5054794" "5150927" "5209601" "5333360" "5360241" "5431459" "5496128" "5630255" "5738359" "6152455" "6584654").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/04/21 13:12 |
| S1 | 86 | (manzo near scott).in. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/31 15:21 |
| S2 | 3224 | ring with expand\$5 with lock\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/31 15:27 |
| S3 | 836 | S2 and guide | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/31 15:27 |

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|-----|------|---|---|----|-----|---------------------|
| S4 | 48 | S3 and tab with lock\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/31 15:28 |
| S5 | 110 | ("2127903" "4553543" "4803984" "4848367" "4911164" "4957499" "5047039" "5122156" "5234448" "5403333" "5411508" "5425739" "5464414" "5464415" "5478353" "5486187" "5540701" "5545171" "5549619" "5554162" "5569272" "5578044" "5591179" "5591206" "5695504" "5700272" "5702412" "5707380" "5713889" "5716370" "5741277" "5797934" "5814005" "5817113" "5833698" "5868762" "5904697" "5944730" "5951576" "5980483" "6024748" "6048351" "6051007" "6063114" "6080167" "6096051" "6149658" "6152937" "6171319" "6171321" "6176864" "6203553" "6241742" "6254617" "6280460").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/31 15:30 |
| S6 | 5 | ziptie | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/31 15:32 |
| S7 | 389 | "zip tie" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/31 15:33 |
| S8 | 15 | ("3147754" "3866611" "4139007" "4534353" "4800900" "4880016" "4942886" "5184629" "5211640" "5263947" "5415179" "5439007" "5569297" "5571125").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/07/31 15:35 |
| S9 | 1424 | (annular ring) with clamp\$3 and lock\$3 same tab | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/07/31 15:38 |
| S10 | 1238 | S9 and (aperture opening) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 15:38 |
| S11 | 743 | "I30" and expand\$5 | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 15:38 |
| S12 | 12 | "I30" and ring with expand\$5 | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 15:39 |
| S13 | 18 | ("3339247" "3570497" "3577601" "3926193" "4069825" "4519392" "4669473" "4730615" "4732151" "4821878" "4832026" "4834098" "4865032" "4874370" "4950284" "5123913" "5304188").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/07/31 15:40 |
| S14 | 75 | ("5549619").URPN. | USPAT | OR | OFF | 2008/07/31 15:40 |

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|-----|------|---|---|----|-----|---------------------|
| S15 | 62 | ("20020078536" "20040167456" "2461201" "3590442" "4183121" "4198734" "4271566" "4557024" "4657000" "4680838" "4775310" "4863127" "4879854" "4887338" "4887339" "5005242" "5048158" "5101539" "5168603" "5208952" "5216784" "5260015" "5267945" "5368549" "5499859" "5604961" "5605373" "5620769" "5653004" "5657516" "5704480" "5722123" "5766723" "5802676" "5826312" "5827547" "5882073" "5945193" "5953797" "5964017" "5996189" "6044525" "6120157" "6129970" "6202260" "6280670" "6307118" "6317933" "6347434" "6432339" "6443187" "6467132" "6546603" "6551539" "6588074" "6622346" "6656403" "6668429" "6684464" "6692674" "D389051").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/07/31 15:41 |
| S16 | 2245 | (606/153,155,157,158).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/31 15:45 |
| S17 | 1175 | S16 and expand\$5 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/31 15:45 |
| S18 | 624 | S17 and lock\$5 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/31 15:45 |
| S19 | 174 | S18 and tab | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/31 15:46 |
| S20 | 106 | clamp\$3 with ring with screw with tighten | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/31 15:48 |
| S21 | 166 | clamp\$3 with ring with screw same hose | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/31 15:51 |
| S22 | 3100 | hose near3 clamp and thread\$2 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/31 16:01 |
| S23 | 2435 | hose adj clamp and thread\$2 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/31 16:01 |
| S24 | 344 | S23 and dual | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/31 16:01 |

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| S25 | 151 | S24 and guide | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/31 16:02 |
| S26 | 345 | expanding same tubular same connector | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/31 16:06 |
| S27 | 2303 | hair adj curler | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/31 16:21 |
| S28 | 101 | S27 and expand\$5 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/31 16:21 |
| S29 | 188 | S27 and lock | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/31 16:25 |
| S30 | 986 | (132/273,276,277,245,252).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/08/01 14:23 |
| S31 | 68 | S30 and expand\$5 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/08/01 14:24 |
| S32 | 2529 | (623/1.11,1.12).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2009/01/21 08:31 |
| S33 | 2394 | S32 and expand\$5 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2009/01/21 08:31 |
| S34 | 841 | S33 and lock\$5 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2009/01/21 08:31 |
| S35 | 133 | S34 and tab | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/01/21 08:32 |

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|-----|-----|---|---|----|-----|---------------------|
| S36 | 59 | ("3502069" "4140126" "4267842" "4312920" "4321711" "4503569" "4512762" "4553545" "4560374" "4580568" "4627844" "4641653" "4649922" "4655771" "4660560" "4662885" "4665918" "4681110" "4705517" "4732152" "4733665" "4739762" "4740207" "4743252" "4762128" "4768507" "4770664" "4776337" "4787900" "4793348" "4795458" "4800882" "4834747" "4848343" "4850999" "4877030" "4878906" "4878908" "4886062" "4893623" "4902289" "4907336" "4922905" "4923464" "4950227" "4955859" "4969458" "5007926" "5028597" "5047050" "5059211" "5078726" "5084065" "5089006" "5100429" "5266073" "5282860" "5449382").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/01/21 08:36 |
| S37 | 36 | ("5984963").URPN. | USPAT | OR | OFF | 2009/01/21 08:37 |
| S38 | 116 | S32 and polymer with alloy | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2009/01/21 08:53 |
| S39 | 156 | S32 and stent with barbs | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2009/01/21 08:56 |
| S40 | 28 | ("4577631" "4665918" "5078726" "5100429" "5211658" "5219355" "5266073" "5275622" "5330500" "5366473" "5423885" "5441515" "5443500" "5456713" "5571173" "5575817" "5578075" "5609627" "5618299" "5632840" "5649977" "5700286" "5766710" "5824052" "5824053" "5824054" "5843163" "5910168").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/06/17 16:26 |
| S41 | 58 | ("4441215" "4573242" "4640320" "4669474" "4718907" "4752054" "4776337" "4813416" "4816339" "4866816" "4877030" "4878906" "4879135" "4902290" "4950285" "4986831" "5007926" "5059166" "5059211" "5064435" "5078736" "5084065" "5100429" "5104403" "5116360" "5123917" "5147385" "5156620" "5156623" "5158548" "5163951" "5180366" "5192310" "5192311" "5195984" "5197977" "5234456" "5234457" "5258020" "5279594" "5282823" "5289831" "5290271" "5304220" "5306286" "5312339" "5330500" "5334201" "5337503" "5342348" "5342621" "5344426" "5344444" "5354329" "5356423" "5356433" "5383928" | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/06/17 16:28 |

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|-----|------|---|---|----|-----|---------------------|
| | | "5441515").PN. | | | | |
| S42 | 76 | ("2361506" "3657744" "4130904" "4553545" "4560374" "4572186" "4580568" "4650466" "4655771" "4733665" "4739762" "4740207" "4752054" "4760849" "4776337" "4788751" "4800882" "4830003" "4856516" "4877030" "4878906" "4886062" "4892539" "4893623" "4907336" "4913141" "4922905" "4950227" "4969458" "4969890" "4986831" "4990155" "4994071" "4998539" "5002560" "5007926" "5012417" "5015253" "5019085" "5019090" "5029877" "5034001" "5035706" "5037392" "5041126" "5059211" "5061275" "5064435" "5071407" "5078720" "5078726" "5078736" "5084065" "5089006" "5100429" "5104404" "5108416" "5116318" "5116360" "5116365" "5122154" "5123917" "5133732" "5135536" "5158548" "5161547" "5163951" "5163958" "5171262" "5192297" "5192307" "5192311" "5195984" "5197978" "5290295"). PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/06/17 16:31 |
| S43 | 253 | ("5441515").URPN. | USPAT | OR | OFF | 2009/06/17 16:32 |
| S44 | 157 | ("5649977").URPN. | USPAT | OR | OFF | 2009/06/17 16:33 |
| S45 | 688 | stent and ratchet | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2009/06/17 17:12 |
| S46 | 15 | S45 and (guide with rail) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2009/06/17 17:12 |
| S47 | 14 | S45 and (guide with lip) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2009/06/17 17:12 |
| S48 | 6016 | ((623/1.11,1.12) or (132/273,276,277,245,252) or (606/153,155,157,158)).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2009/06/17 17:14 |
| S49 | 76 | S48 and (guide with (rail lip)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2009/06/17 17:14 |
| S50 | 264 | S48 and (guide with (channel groove)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2009/06/17 17:16 |

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|-----|------|---|---|----|-----|---------------------|
| S51 | 24 | (US-5333360-\$ or US-7243956-\$ or US-6953194-\$ or US-6866301-\$ or US-5150927-\$ or US-5029907-\$ or US-7263746-\$ or US-6607219-\$ or US-6152455-\$ or US-5507500-\$ or US-5732955-\$ or US-5496128-\$).did. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2009/06/18 15:17 |
| S52 | 0 | (24/16).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2009/06/18 15:40 |
| S53 | 1334 | (24/16pb).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2009/06/18 15:41 |
| S54 | 265 | S53 and (guide rail) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2009/06/18 15:41 |
| S55 | 112 | S54 and lock | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2009/06/18 15:41 |
| S56 | 35 | ("3432188" "3490794" "3516446" "3700265" "3813116" "3825286" "3840053" "3958313" "3960395" "4059293" "4107454" "4303103" "4305679" "4346922" "4449715" "4469467" "4475845" "4478437" "4621941" "4737220" "4746127" "4890863" "4903970" "5020832" "5029907" "5054794" "5150927" "5209601" "5360241" "5431459" "5496128" "5738359").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/12/16 11:32 |

EAST Search History (I nterference)

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4/ 21/ 10 1:57:55 PM**C:\ Documents and Settings\ MMendoza\ My Documents\ EAST\ Workspaces\ 10-518040.wsp**